ACGU Training Integration and Interoperability Work Group

22 September 2010

0800-1200hrs

Worldwide Joint Training & Scheduling Conference

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Agenda

- Welcome / Introductions — Col Walrond
- ACGU Issue Refocus/Update — Col Walrond
- ACGU Charter — Col Walrond
- Partner Issues/Training Requirements — ACGU Partners
- Break
- CENTRIXS-ISAF & AMN USCENTCOM
- Technical Update — Mr. Dominguez
- Enhancing ACGU Forum — Discussion
- Way Ahead/Wrap-up — Col Walrond

ACGU WG
Update/Actions/Issue Refocus

Col Walrond

WG Update & Actions

WJTSC 10-1

Highlights:

- Closed original 2008-2 issue (#08-18) as having been successfully achieved
- Focus had clearly been on improving process of integrating ACGU training events and scheduling
- Nations to continue to forge working relationships with respective COCOMs, i.e., the AUS-PACOM model
- Consensus to continue WG at the WJTSC to provide represented nations, organizations, and COCOMs with an open and collaborative forum to enhance ACGU operational capability, preparedness, and interoperability----to share info and discuss issues of mutual interest
- Continue to engage, socialize and work “enhancement of ACGU interoperability”, with principal emphasis toward the integration of partner training environments with the Joint Training Environment (ACGU Training Enclave)

WG Update & Actions

Action Items from WJTSC 10-1:

- Open WJTSC WG to allow COCOMs to collaborate with ACGU partners and to share activities, synchronize capabilities, and solicit ACGU training participation
- Refocus efforts on the development, establishment, and execution of a full up, multi-lateral, trusted mission partner training environment
- Develop draft ‘ACGU Charter’ which reflects these understandings and the way ahead
- Col Walrond to continue as WG chairman for the time being

WG Update & Actions

Actions Taken

- ACGU Charter drafted by AUS (thanks to Richard Howell) and distributed to WG management group members for review/comment/edit

- Continued efforts regard development of ACGU Training Enclave
  - Mark Dominguez to provide update/status

ACGU WG Charter

Col Walrond

ACGU WG
Partner Issues / Training Requirements

Col Walrond

BREAK

USCENTCOM
CENTRIXS-ISAF Training

Mr. Michael Kontodiakos

ACGU WG
Technical Update

Mr. Dominguez

Topics

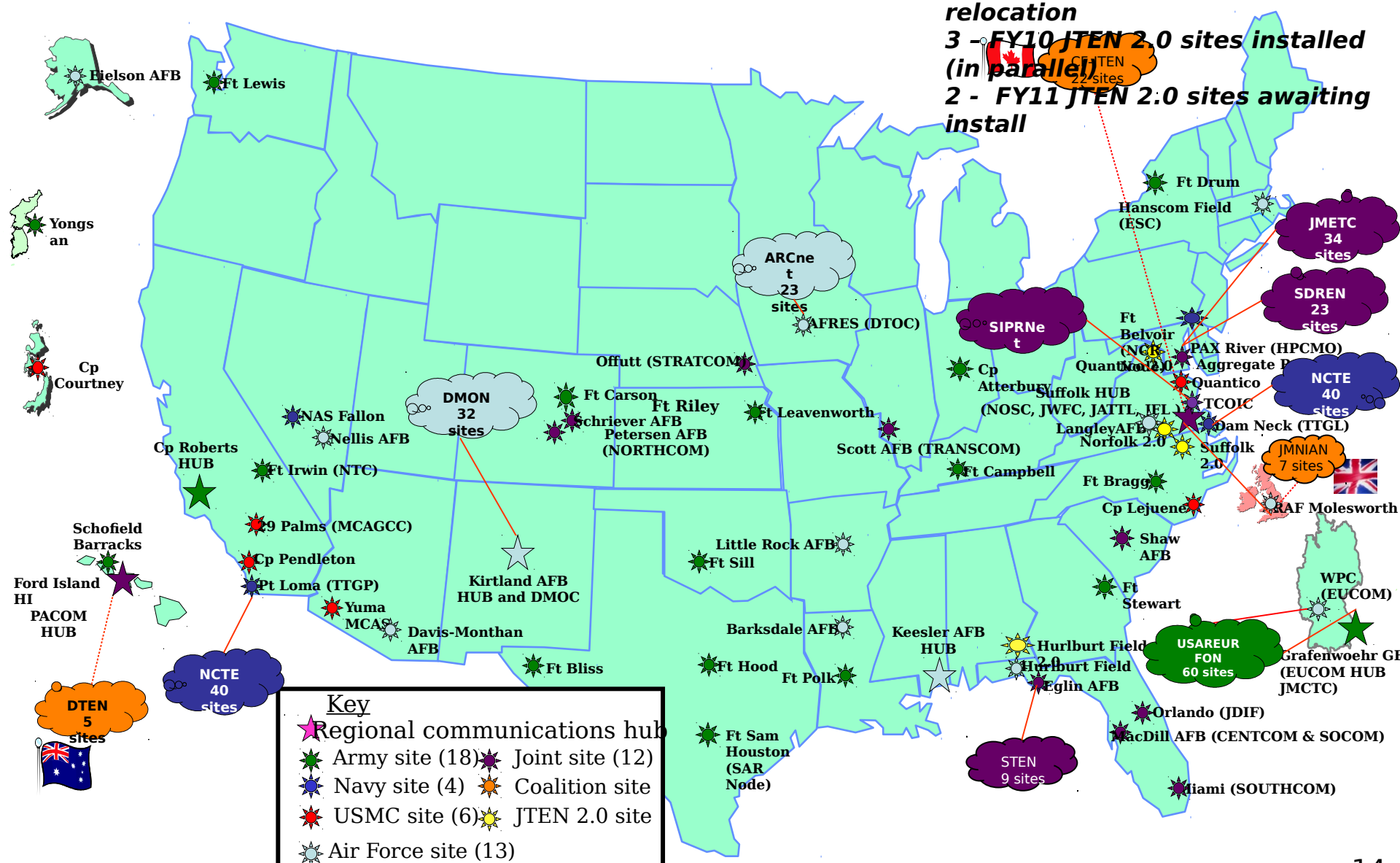
- Joint Training Enterprise Network (JTEN)
- The Cross-Domain Information Sharing Problem in the Joint Training Environment
- Afghanistan Mission Networks
- Australia, Canada, Great Britain, and United States (ACGU) Training Environment
- ACGU …Where do we go from here?

Joint Training Enterprise Network (JTEN)

Enabling the Joint Training Environment

Current JTEN Sites

48 - Persistent sites + other networks
5 - JTEN 1.0 sites awaiting install
1 – JTEN 1.0 site awaiting relocation
3 – FY10 JTEN 2.0 sites installed (in parallel)
2 - FY11 JTEN 2.0 sites awaiting install



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As of 1 July 2010

The Problem …. A Primer

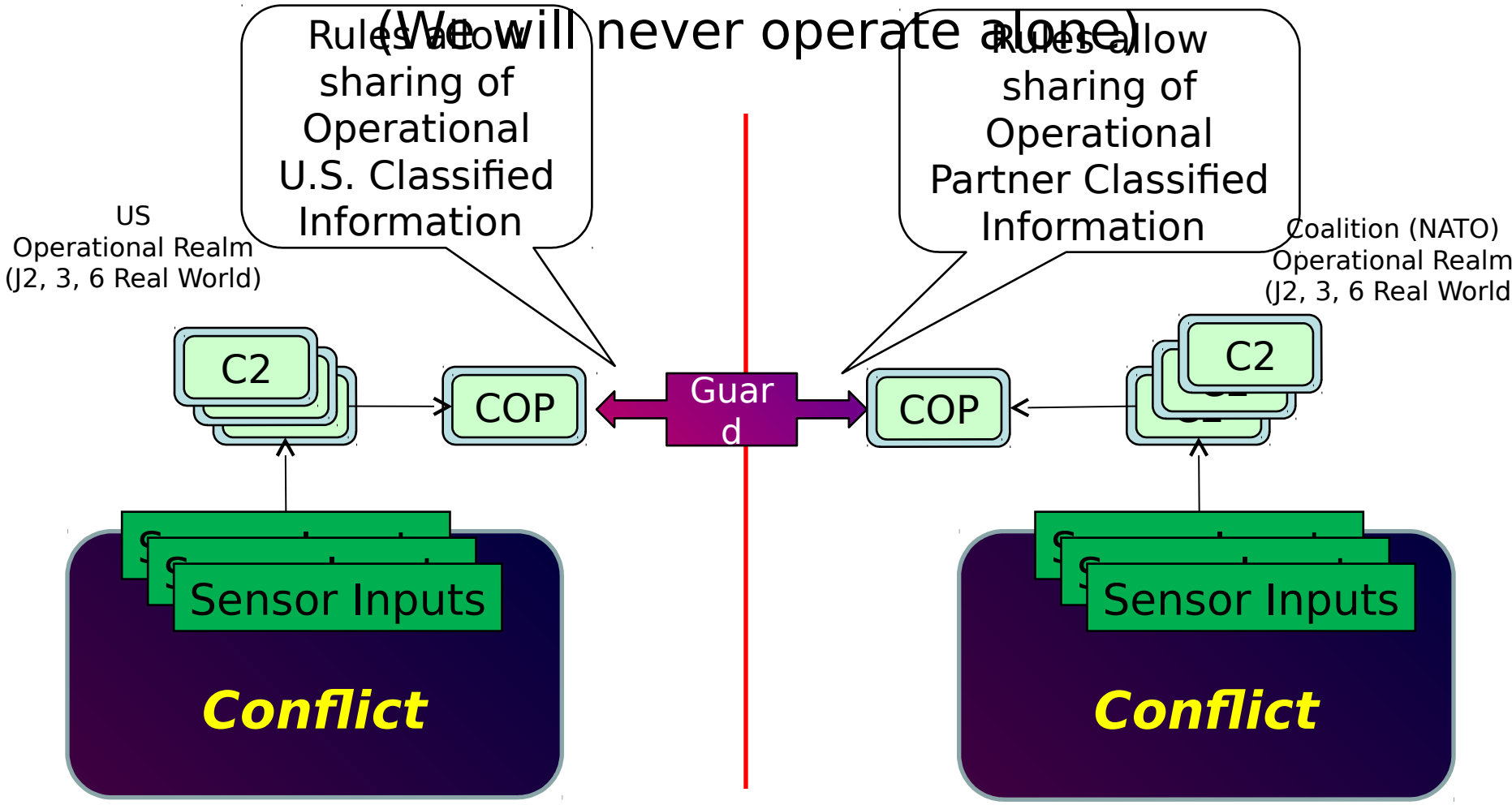
- The Training Environment is NOT the same as the Operational Environment
  - Operational Solutions do not Satisfy or Scale to the Training Environment
  - Operational environment does not do distributed M&S with thousands of multicast groups
- Key Goal … *The Training Audience Cannot Tell The Difference Between What is Live and What is Not!*
- Dorothy, Toto, Tin Man, and Lion were convinced that they were in the presence of an all powerful wizard but….
  - *"Never mind that man behind the curtain!"*
- We must give the training Audience as realistic a representation of the operational experience we can before he encounters it in the real world
  - Can't give capabilities not present in the real environment (negative training)
  - More than half the information on our training networks is *"behind the curtain"*

General Considerations/Observations

- Joint Operating Environment (JOE) 2010, " … in most endeavors it (UNITED States) will need partners, whether from traditional alliances or coalitions of the willing."
- Fidelity of information exchanged is directly dependent upon the partners' trust relationship
- Not all Cross Domain Information Sharing (CDIS) situations require a Cross Domain Solution (CDS)
- We must pay attention to the role of unintended consequences
- The theater commander owns the operational network and defines the operational needs
  - *The operational needs define the training requirements*
  - *The training audience needs to retain communication with operational assets while in the training environment for SA.*
    - *Supporting networks must align to those needs*
- Aligning the training CDIS strategy with our alliances may offer a methodology that will enable training multiple, simultaneous coalitions

U.S. + Coalition Partner: Real World

(We will never operate alone)

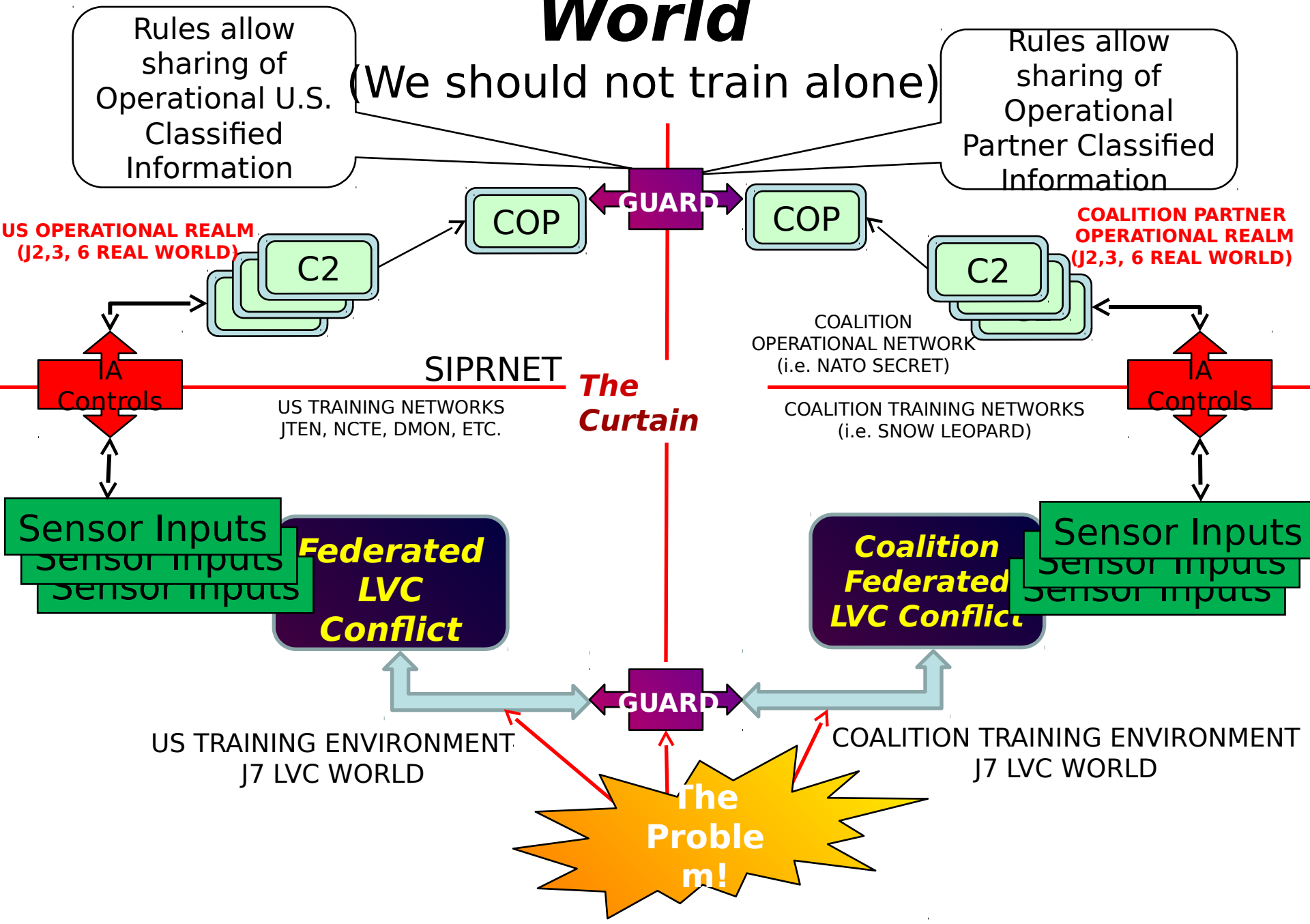


U.S.

Coalition

U.S. + Coalition Partner, Training World

(We should not train alone)

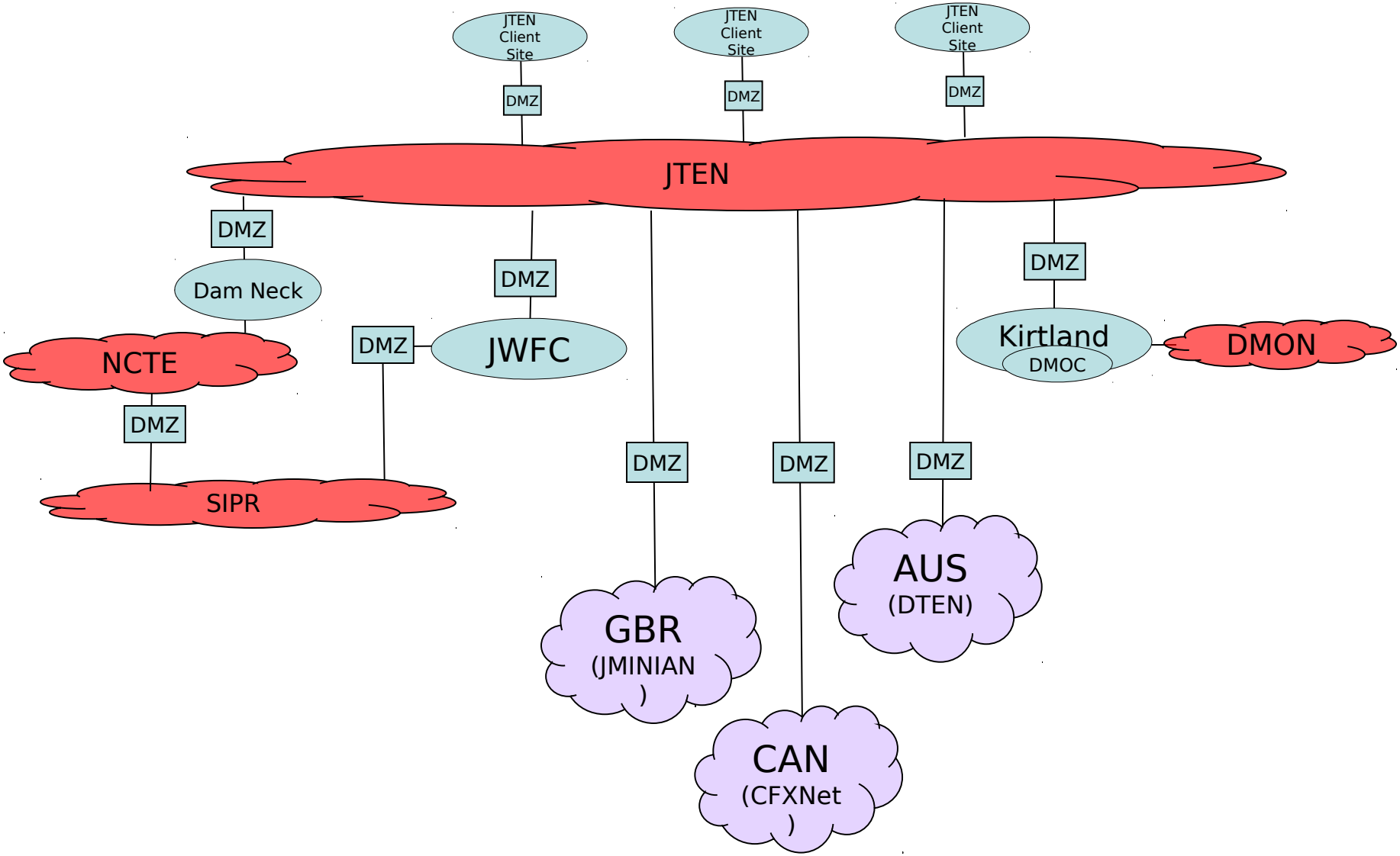


Australia, Canada, Great Britain, and United States Training Environment

Most Trusted Mission Partners share the highest fidelity information

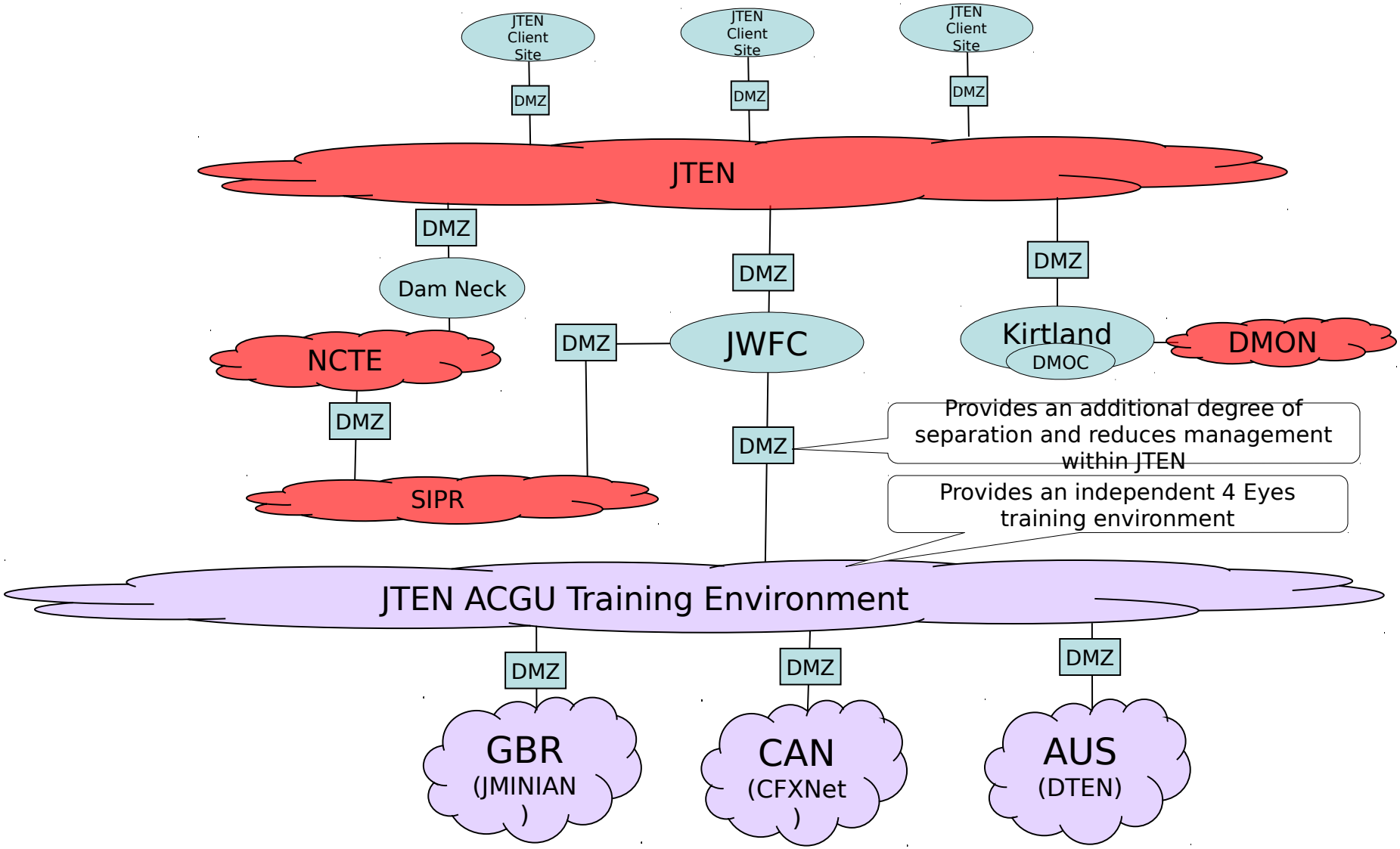
JTEN ACGU Training Environment

As it Evolved

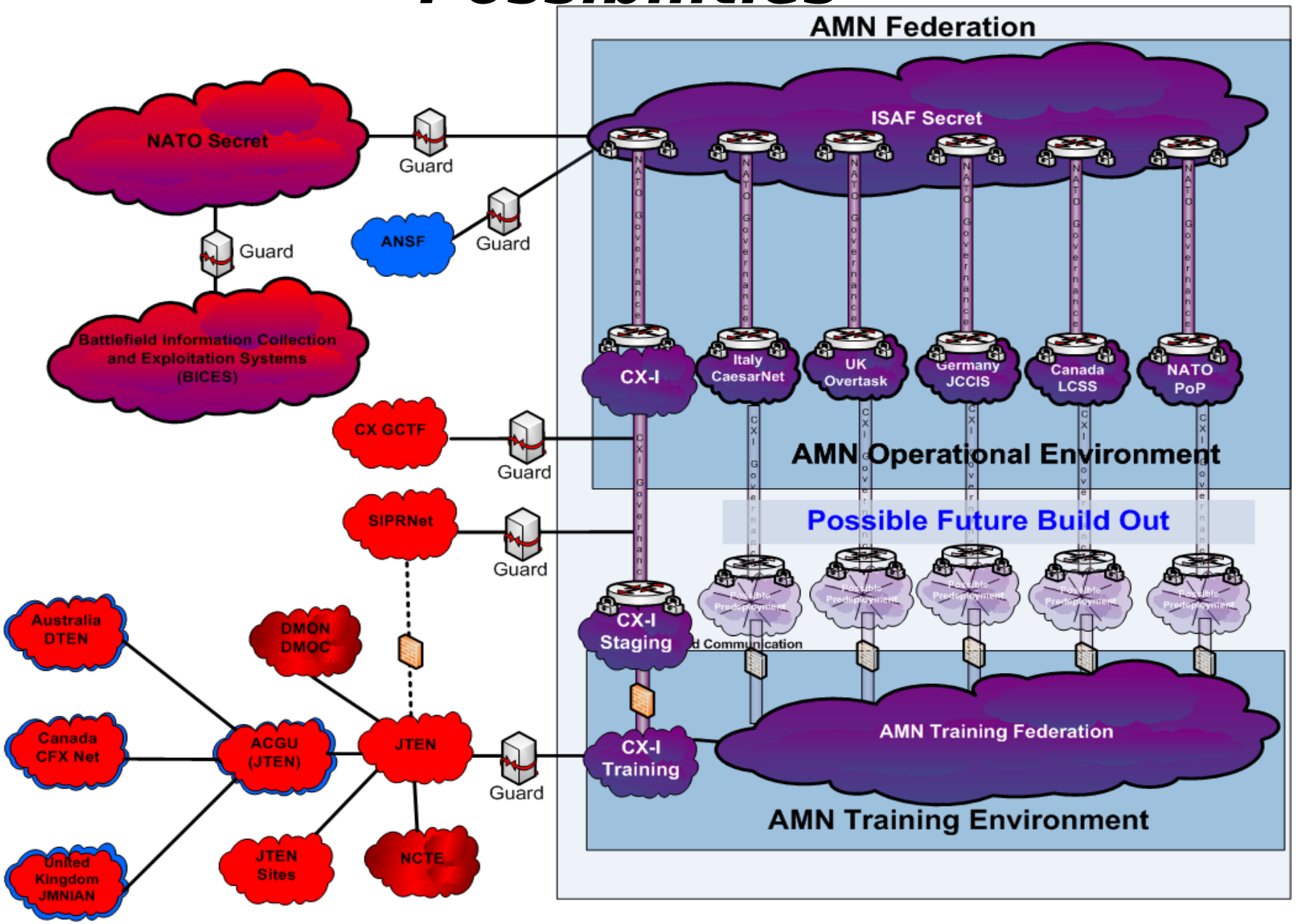


JTEN ACGU Training Environment

November 2011



Afghanistan Mission Network … Possibilities



The New Norm

General Considerations/Observations

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Desired Capability

"*The requirement is to deliver trained warfighters to the Theater Commander*"

Colonel Allen, USCENTCOM CCJ6D

- From January Operational Needs Statement (ONS): "Provide AMN … for all forces flowing into CJOA-A. This provision must include the required modification to *existing JNTC equipment* …"
- The requirements to support the Theater Commander effects our efforts
  - All four partners' resources are under stress
  - CX-I/AMN requirements are in addition to current training requirements
  - CX-I not currently funded
    - No additional resources
    - No sustainment beyond 2011
    - Largely US Army funded in US
    - NATO Crisis Urgent Request (CUR) approved
      - training is not the highest priority

Where are we?

- ACGU Enclave is included in the Joint Training Enterprise solution
- FY 2010 material arriving
- FY 2011 funding
  - $540K
- Basic DMZ Services will be up in November
  - Critical to Australian C2 play in TS 2011
  - DSAWG in November or December
  - Looking at ICI initiatives
- Effects of AMN Training Federation
  - ~ $450 K will go into CX-I/AMN in 2011
  - Bandwidth and personnel resources

Where Do We Go From Here?

- Does the ACGU Training Environment provide benefit**?**
- Should ACGU become a shared, multinational environment or remain three bilateral agreements?
  - If multilateral, how do we share funding, management, and governance?
  - If bilateral, how does the US ensure the partner requirements are met?
    - US funding, management, and control
- ACGU will be implemented by November to accommodate Australia's exercise of their national C2 while DTEN is connected to JTEN during Talisman Sabre. The internal capabilities are limited.
  - One of the present requirements states that ACGU be able to operate independent of all other connected networks, including JTEN. Is this still valid?
  - What capabilities should be included within the ACGU?
  - What group will decide what those capabilities should be?
- Is the WJSC the proper forum for future ACGU WG meetings?
- Is there a better venue?

Questions?

ACGU WG
Enhancing ACGU Forum
Open Discussion

Col Walrond

Closing / Wrap Up

Col Walrond